



Effective Date: September 25, 2013

Reno City Ordinance #6306

The items listed are basic information only. Codes are subject to change. Additional requirements may apply.

FIRE FLOW CALCULATIONS

The following information block shall be contained within the Civil site plans for all projects. The preferred location for the block is on the sheet containing the Utility Design.

- Fire Flow is based on the Table B 105.1 IFC Appendix B
- Building height, number of stories, and type of construction are all determined based on the guidelines and definition outline in IFC Appendix B
- Any permitted reductions in the required fire flow are outlined in **Reno Fire Code Section B105.2**
- In determining the minimum number of hydrants required, the minimum flow from each hydrant shall be 1500 gpm. Hydrant spacing shall be per IFC Appendix C.
- Developments with **multiple** buildings: This chart shall be provided for the largest building for **each construction type**; and for each sprinklered / nonsprinklered building type if applicable.

| <u>FIRE FLOW CALCULATIONS</u> | |
|---|--|
| Fire Flow Requirement is _____ gallons per minute @ 20 psi residual pressure for _____ hours. | |
| Based on: | |
| Square Footage: | _____ square feet |
| Largest area between 4-Hour area separation walls: | _____ square feet |
| Building Height: | _____ feet |
| Number of Stories: | _____ floors |
| Type of Construction: | _____ |
| Occupancy: | _____ |
| Full Automatic Fire Sprinkler System: | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Reviewed By: | _____ Date: _____ |
| Reno Fire Department | |

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